

Snowdonia National Park

Forecast valid from 00:00 on Saturday 25 Dec 2021 until 23:59 on Sunday 26 Dec 2021

Forecast Issued on Friday 24 Dec 2021 at 16:56

Confidence: Medium for the Christmas day detail with poor conditions generally holding sway. Confidence high for a showery Boxing day, but lower for the pattern from Monday.

Headline for Saturday 25 Dec 2021: Overcast with some rain and snow. Outbreaks turning prolonged for evening. Feeling very cold in summit gale, perhaps severe gale, winds.

Mountain weather hazards on Saturday 25 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Drizzle	Light rain	Light snow	Light snow	Light snow	Light snow	Sleet
Precipitation probability							
80%	70%	80%	40%	40%	60%	80%	>95%

Forecast for Saturday 25 Dec 2021

Weather: Overcast overnight and through the morning and afternoon with occasional mostly light rain and snow. Snow level lowering to 400m late morning, eventually lifting to around 700m by late afternoon, then becoming confined to the highest tops during the evening as the rain merges to longer and heavy periods.

Chance of cloud free mountain/hill tops above 800m: 10% or less.

Visibility: Limited with extensive hill fog above 450m, combined with rain and snow.

Forecast for Saturday 25 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/44 E	36/43 E	40/48 E	45/55 E	47/57 E	46/56 E	46/56 E	40/50 E	31/38 E
600	24/35 E	24/33 E	28/40 E	31/43 E	34/45 E	33/44 E	32/43 E	28/38 E	22/32 SE
300	21/35 E	21/34 E	23/40 E	26/43 E	27/46 E	26/44 E	25/42 E	22/38 SE	18/31 E
Valley	21/35 E	21/34 E	24/39 E	26/43 E	28/46 E	27/44 E	26/43 SE	23/39 SE	19/32 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-7	1/-7	0/-8	-1/-11	-2/-12	-2/-12	-1/-11	-1/-10	-1/-9
600	3/-3	3/-3	2/-5	1/-7	0/-8	0/-8	1/-7	1/-6	2/-4
300	6/0	5/-1	4/-2	3/-4	2/-5	2/-4	3/-4	3/-3	4/-1
Valley	7/2	6/1	5/-0	4/-2	4/-3	4/-3	4/-2	4/-1	5/-0
Freezing Level*	1500m	1400m	1200m	700m	500m	600m	900m	1100m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Extensive hill fog combined with winds gusting to 60 mph across highest and most exposed ridges and summits, bringing very difficult conditions, with a severe wind chill effect at times.

Forecast for Sunday 26 Dec 2021

Weather: Rather cloudy and showery with outbreaks always more frequent and heavy across western ranges, with snow level around highest summits.

Maximum wind: South or southeast initially mean 20-25 mph with gusts 35mph, gradually easing through the day.

Chance of cloud free mountain/hill tops above 800m: 80% for any given time, but limited chance of prolonged clear spells due to the showery nature of the flow.

Visibility: Good of Very good, sporadically becoming moderate to very poor in showers of rain and snow. Also only a few metres in hill fog with bases lowering 450-600m in showers.

Temperature: **Valleys:** Minus 1 Celsius increasing 6 Celsius during the afternoon
At 800m: Plus 1 Celsius
Freezing level: 900m

Ground Conditions Supplement

Please see - <https://www.eryri.llyw.cymru/visiting/walking/ground-conditions>

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